

Exhibit 4, Section I - Ongoing Response Actions (RAs)

PRS #	PRS DESCRIPTION	SCOPE OF WORK	Estimated LL Waste Volume (ft3)	Related Documents
40	Building 66 Lot	PRS 40 was identified as a local area of plutonium-238 contamination as a result of an aborted construction project. The area is located in the upper valley. Contamination was discovered in 1986, apparently during routine monitoring during construction excavation. Upon discovery, the construction was reportedly abandoned and the excavation backfilled without any remedial actions. No production or storage process activities are known in this area.	See PRS 66 Above	
66	Thorium and Plutonium Waste	PRS 66, 40, 80, and 398 lie within the area commonly referred to as PRS 66 and will be remediated concurrently. Potential Release Site (PRS) 66 refers to the disposal site for construction soils and debris located under the parking lot which is southeast of Building 29 and 98 and tha area around building 51. The parking lot area was once a steep ravine and has a long history of debris disposal including: disposal of 10,000 to 20,000 empty drums that once contained thorium-232 (1955-1966), a polonium-210 contaminated washing machine (date unknown), and a thorium-232 contaminated flat bed truck (mid 1960s). Other materials contaminated with polonium-210 (mid 1960s), such as exhaust system ducts from the remodeling of T-building, may have been disposed of in the area. Sampling confirmed significant thorium-232 and plutonium-238 contamination underneath the area and in the area south of building 51. Currently the area is an asphalt covered parking lot constructed in 1984. In 1990, a Magnetic survey was conducted at the parking lot in an attempt to locate buried ferrous materials (materials made of metal) beneath the parking lot.	1,300,000	PRS Package PRS#66, Working Group Information Summary, 15 March 2000 Innovative Treatment and Remediation Demonstration program, Mound ORS-66 Technical Evaluation Report, Octobert 2001 Sampling and Analysis Plant PRS 66 Final Rev. 1. Dec. 2000 OU-9 Site Scoping Report, Dec 1994
		The results of this survey indicated that large ferrous objects are buried under the north-central portion of the parking lot. The buried items were interpreted to be the buried flatbed truck, empty thorium drums, and other ferrous debris. Remediation of a small section of the original disposal site, PRS 86 has already been completed. PRS 86 is located north of the parking lot (PRS 66) and involved the removal of contaminated soil, gravel, and concrete. The radiological contaminants included actinium-227, radium-226, and thorium-228. Additional PRSs associated with this remedial action, but not called out separately include PRS 79, 309 and 338.		
80	Warehouse 15A	PRS 80 is a localized thorium hot spot adjacent to the PRS 66 area.	See PRS 66 Above	PRS Package, PRS 80, June 2002
277	Hillside Disposal Area	This area along the hillside south and east of Building 38 has been identified through detailed sampling in 2002. Thorium, actinium and plutonium contamination was detected in 8 of the 242 samples at levels which warrant their removal.	81,000	PRS Package, PRS 277/278, June 2002 PRS 277/278 Further Assessment Data Report, Sept 2001
278	Hillside Catch Basin	PRS 278 is located inside of PRS 277 and is being remediated concurrently.	See PRS 277 Above	Sampling and Analysis Plan - PRS 277/278 Final Revision 6, Oct. 2000
398	Elevated Soil Gas Location	PRS 398 is located in the parking lot of the refueling facility, south of Building 51 and north of Building 22. PRS 398 was identified in the Operable Unit 5, Operational Area Phase 1 Investigation Non-AOC Field Report. The investigation of the non-areas of concern (non-AOC) generally included areas that were not known or suspected to be contaminated. As part of scoping for the study, areas of special interest with the possibility of the presence of hazardous substances were identified. One such area, the "Fuel Area" was included in the study and now encompasses PRS 398. The Fuel Area is built on fill materials. The area will be excavated due to its proximity to PRS 66 and will be closed concurrently.	See PRS 66 Above	